The Liberal Democrat

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CARL G. EDDY Editor and Publisher.

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"There's so much good in the worst of us, and there's so much bad in the best of us, that it doesn't behoove any of us to speak ill of the rest of us.'

It doesn't matter nearly so much whether your ancestors came ac ross in the Mayflower as it does whether you came across at the grocery store or not. - Yates Center News.

Have you noticed that only of casionally you see an editor who has his pants properly pressed? That is because he cannot spare the time to go to bed while the pantorium man does the job, says the Hope Dispatch.

"Clevenger, of the Osawatomic Graphic, has been in the news paper game a long time and with experience has accumulated considerable wise philosophy. He gives this advice to the country newspaper brethren: "Don't fuss with each other more than is jus necessary. We'er getting fewer every day. Hay fever is getting some of us, poor business others, consolidation some and delinquent subscribers others. So be friendly while we are together."

The tennis girl goes out to play her nerve producing game; the flippant girl goes out a-larking because her life's too tame; the reading girl betakes herself into the land of books; the scheming girl to the seaside goes with artful hooks; the flirting girl goes anywhere she thinks there is a man; the dressy girl goes to Paris to buy a dress and fan; the beauty goes upon the stage to show her handsome looks; but the girl that gets the husband stays right at home and cooks. -Ex.

It may not be generally known that the little city of Liberal, away down in the southwest part of the state, is the greatest broomcorn market in the United States. More than 800 carloads of broomcorn are marketed here in a single season. Most of the marketing is done in the month of August, A TEST IN CORN SHRINKAGE which makes Liberal a mighty busy place for a few weeks. Incidentally, we might remark that Liberallis a good town any month of the year. - Topeka Capitol

Crops are to be short this year. This sums up the government report September 1. The government crop reports are not in the highest repute, and there will be those who will believe the crops substantially underestimated in this report; nevertheless, even discounting the unreliability of the government's figures, crops are short. The government report makes the showing this month 22 per cent below normal, and the slump affects práctically all staples not excepting cotton, which a month ago gave great promise. The important day crop is reported short by more than 16 million tons, or nearly 30 per cent, and there goes with this hay shortage, a shortage of pastures not appearing in the official estimates but affecting livestock just the same. Unless the crop report is seriously off, the year must see high prices for corn, wheat and hay and the farmer who is able to hold for the rise will get some compensation for short yields.

J. S. Turner, who lives on the Evans ranch, 2 miles north and 37 miles east of town, called on us and brought some samples of peaches raised on his place this year. They are fine in flavor and shows what Seward county can produce. He has preserved 43 quarts besides having all he could eat, and will have a few mgre quarts to can.

BROOM CORN CAN BE GROWN PROFITABLY IN CENTRAL AND WESTERN KANSAS

This Crop Requires Clear Dry Weather to Properly Mature---Like Kaffir and Milo Will Endure Considerable Drouth---Suggestions

on How to Grow and Care for Crops.

[By W. M. JARDINE, Profes sor of Agronomy, K. S. A. C.] kafir and mile. It differs from mainly in the character of its head. Its seeds are borne in panicles with long, straight branches. The seed head or panicle is known to growers and manufacturers as "brush," and is the valuable part of the plant. It is utilized in the manufacture of brooms of all kinds.

There are two groups of broom corn, the Standard and the Dwarf. The Standard grows very tall and is not adapted to Kansas' conditions; it thrives best in Illinois and that territory. The Dwarf variety is the one grown in this state. Its height varies from four to six feet usually.

Broom corn requires dry, clear weather furing the last stages of its growth and at harvest time in order to produce brush of a desirable color and quality. For this reason the climate of central and western Kansas, Oklahoma and the panhandle of Texas is admirably adapted to its culture. According to Secretary Coburn over 55,000 acres were planted to this grop in Kansas in 1909, and over 111,000 acres in 1910, from which a little better than 17,000 and 39,000 pounds of brush, respectively, were harvested, which had a value of about \$1,181,000 in 1909 and \$1,605,000 in 1910. Broom corn is grown to a greater or lesser extent in 61 counties of the state. It is especially well adapted to central and western Kansas. Broom corn, like kafir and milo, is capable of enduring considerabble drouth, and is often the money crop on farms in the western counties of the state.

For best results broom corn should be planted at about the time sorghum, kaffir and mile are planted, or about two weeks to a month later than corn, according to weather conditions and soil moisture conditions. In order to insure a good even stand and one that will mature uniformly, uniform soil is necessary. Such seed-bed preparation and cultivation as are given corn will answer for boom corn, except that the cultivation be a little more frequent and not quite so deep, It should be planted in rows from three to three and a half feet apart, three and a half feet in the extreme westin central Kansas, with plants three to four inches apart in the rows. About two to three quarts of good pure seed are required to plant an acre. It is advisable to plant in lister furrows, especially in western Kansas, in which event sorghum plates can be used in the ordinary lister. If surface planted the ordihary corn planter with sorghum Washington, D. C.

HIS crop belongs to the same plates may be used, or the ordinary group of plants as sorghum, grain drill with part of the holes stopped up will suffice.

If the best quality of brush is produced harvesting should be done about the close of the blossoming period. A great many growers of this crop in Kansas attempt to produce both brush and seed from the same plant, hence an inferior quality both in brush and seed is the usual result. The quality of brush is not as good as it should be because of lack of attention to the selection and planting of well matured seed from desirable types of heads. Every grower who expects to produce his own broom corn seed should plant a small acreage for seed production alone. On the station farm of the Kansas State Agriculture College, at Manhattan , an attempt is being made to breed up this crop by eliminating the inferior types and increasing the seed under rigid selection from the plants that prove most satisfactory under conditions obtaining at that point. This last season in the neighborhood of 150 bushels of pure broom corn seed were produced for distribution among the farmers. Of this amount we still have on hand some thirty-five or forty bushels for sale at \$2 per bushel. Farmers cannot afford to plant inferior seed if they expect to produce brush of high qual ity and in paying quantities.

Dwarf broom corn is usually barvested by pulling the heads by hand, leaving a foot or more of the stalk attached. After it has been pulled the brush is removed to drying sheds, where it is stored and threshed. In storing, the coarse or knotty brush is separated from the uniform straight heads, only straight brush is desirable for broom-making purposes.

If handled on a small scale the seeds may be removed by scraping by hand. If grown on an extensive scale the broom corn thresher should be used. If uniform green color is maintained in the brush it should be carefully dried after threshing. Rapid drying with direct sunlight is the best. Open sheds are often used for this purpose. After the brush is dry it is placed in bales of three to four hundred pounds, when the crop is ready for the market. The price ern counties and probably three feet varies with the quality of the crop, all the way from \$50 to upwards of a \$100 a ton. An acre of Dwarf broom corn should produce at least 400 pounds of brush,

If any one desires to go into the details of broom corn production I would advise that he send for Farmers' Bulletin No. 174, of the United States Department of Agriculture,

To those engaged in the handling of grain the natural shrinkage of shelled corn while in storage and in transit is a matter of prime importance, and often a source of dispute.

To determine the amount of shrinkage or loss of weight in shelled corn containing various percentages of moisture while in storage in elevators or during transit in cars, the Department of Agriculture, in 'co-opertion with the Baltimore & Ohlo railroad and the Baltimore Chamber of Commerce, conducted an experiment with 500 bushels of shelled corn. The test began January 5, 1911, and lasted 147

The corn was from regular car recelpts. It was left in the wooden hopper of a 30,000-pound scale in an elevator at Locust Point, Baltimore. At the time of storage the moisture content was 18.8 per cent. At the close of the test it was 14.7 per cent, a loss of 4.1 per cent. The weight per bushel had decreased from 54.7 pounds to 50 pounds. The total loss of weight was 1,970 pounds, or slightly more than 7 per cent,

The shrinkage was found not to be constant. At certain periods there was a retardation in the rate of shrinkage or even a temporary increase in weight due to the absorption of moisture from the atmosphere. The average temperature of the corn and the temperature of the air was 20 degrees F. The shrink- drainage engineer,

age during the first 105 days, while the corn remained in good condition was approximately four-tenths of one per cent; while from April 21 to May 14, during which time the corn went out of condition, becoming sour and hot, with a maximum temperature, May 2, of 138 degrees F., the shrinkage was 2.6 per cent. The shrinkage from May 14, after the corn had been cooled to 55 degrees F, by three elevations to June 1, the end of the experiment, was 2.6 per cent.

While the corn was in good condition the rate of shrinkage was largely influenced by the weather conditions and by the relative humidity and temperature of the atmosphere.

Don't feed your hens wet mash unless you wish to crowd them. Wet mash often makes the hens lay a few more eggs, yet it causes them to have internal troubles which in turn make them shorter lived. If one had a hennery, or kept many chickens, the loss of life would be more apparent. If a large number of chickens are fed wet mash, a machine for mixing the ood is required, also an additional amount of labor. The mixing and distributing of wet mash is far more expensive than for dry mash.

Think of 6,000 square miles of land in Kansas, the best in the state, agriculturally, that is not cultivated profit ably on account of excessive moisture! These are the figures of the

NOT PROFITABLE.

Unless it is for your own family use, it does not pay to make butter from one cow, if you can sell the Milk at city prices sells for much more than butter will bring. The average Kansas cow makes 120 pounds of butter a year. Where all its feed must be bought, the cow should produce 300 pounds in a year to pay for its keep at the average price of butter-291/4 cents for the

year just past. It requires, on an average, two and one-balf gallons of milk to make a pound of butter. At city prices this milk would be worth 80 cents as compared to 29% cents for the butter. In two to five years.

MAKING BUTTER FROM ONE COW | Of course, if you have no market for your milk, it may pay to make butter. O. E. Reed, of the dairy department in the Kansas State Agricultural College, says that for several reasons it is almost impossible to make good butter from one cow. In the one cow dairy, conditions are seldom right for good butter-making-the cream must be kept too long before churning.

> Proper reclamation of the wet lands of Kansas would mean from 15 to 30 million dollars annually in increased farm products. This would be enough money, if properly invested, to pay for draining the entire wet land area

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Fargo Lodge No. 300 A. F. & A. M. Stated communications first and third Monday of each month.

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at 8 o'clock, J. D. LANE, M. W. A. W. PANKRATZ, Rec. Liberal Chapter No. 104 · EASTERN STAR Meets the second and fourth

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Monday of each month, Mrs. J. A. BLACK, W. M. Mrs. CREEK, Secy. Modern Woodmen of Amer-

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Meets every Wednesday night, Visiting Knights are welcome S. L. Wright, C. C. L. C. Chamberlain, K. of R. & 5

headache, biliousness, indigestion, rheumatism, pimples, blotches, yellow complexion, etc., are all signs of poisons in your blood. These poisons should be driven out, or serious illness may result. To get rid of them, use

I hedford's **Black-Draught**

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Mrs. J. H. Easler, of Spartanburg, S. C., says: "I had sick headache, for years. - I felt bad most of the time, I tried Thed-ford's Black-Draught, and now I feel better than when I was 16 years old." Your druggist sells it, in 25 cent packages.

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